

The meeting designated Mr. R.N. Agarwal from India as the Vice-Chairman responsible for organization and coordination of procedural/regulatory studies in the Working Party of the CPM. For organization and coordination of procedural/regulatory studies in the Working Party of the CPM see Administrative Circular CA/6 of 9 March 1994.

It was agreed that the second meeting, proposed for 22 March - 5 April 1995, in Geneva, would prepare the CPM report to the World Radiocommunication Conference, 1995, in accordance with the structure agreed by this meeting. The programme of the meeting will be distributed at a later time.

Inputs from the Study Groups, Working Parties and Task Groups will be submitted via the Chairmen of the relevant Study Groups according to the schedule (see Annex 5) but not later than 9 January 1995 and will be distributed by the Director. The CPM, in considering the volume of its report to WRC-95, agreed to keep its length to the minimum necessary to support its use by Administrations and delegations to the Conference. To this effect Study Groups (WPs/TGs) are invited to provide their contributions in a concise form to facilitate the CPM's work when compiling the consolidated report.

Administrations of the Members of the ITU and other members of the Radiocommunication Sector wishing to take part in the second meeting of the CPM will receive an invitation at a later time to submit contributions and to register for documents.


Richard C. KIRBY
Director

Annexes: 6

Distribution

- Administrations of Members of the ITU
- Other members of the Radiocommunication Sector (CV 238), including:
 - Recognized Operating Agencies,
 - Scientific or Industrial Organizations,
 - Regional and other International Telecommunication Organizations,
 - Intergovernmental Organizations Operating Satellite Systems,
 - UN and certain UN Specialized Agencies;
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

ANNEX 1



INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION SECTOR
**CONFERENCE PREPARATORY MEETING
FOR WRC-95 & WRC-97**

GENEVA, 15-17 FEBRUARY 1994

Revision 1 to
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17 February 1994
Original: English

CPM-94

STRUCTURE OF THE CONSOLIDATED REPORT OF THE
ITU-R CONFERENCE PREPARATORY MEETING (CPM-95) TO THE
WORLD RADIOCOMMUNICATION CONFERENCE, 1995

- I. Introduction
 - I.1 Origin and purpose of the CPM
 - I.2 Organization of the CPM
 - I.3 Participation
 - I.4 Documents
 - I.5 Presentation and structure of the report

CHAPTER 1

1.1 WRC-95 agenda item 1

To review the Final Report of the VGE, and to consider related proposals from administrations, in order to undertake, as appropriate, a revision of the Radio Regulations and to provide a timetable for the implementation of outstanding recommended actions.

1.2 Analysis and discussion of options

Recognizing that the WRC-95 would take decisions on the effect to be given to the recommendations of the VGE, it would be useful for the Administrations and the Study Groups to consider the implications of those recommendations as part of their preparatory work for the Conference.

Note - The Study Groups may develop technical methods and operational techniques which could be used to facilitate the consideration of VGE recommendations on the basis of specific requests made by the VGE at its final meeting.

CHAPTER 2

2.1 WRC-95 agenda item 2.1 and some aspects of agenda item 3 d)

With a view to facilitating the use of frequency bands allocated to the mobile-satellite services and with due regard to existing services to which the frequency spectrum to be considered by the Conference is also allocated:

- a) review the technical constraints associated with the frequency bands allocated below 3 GHz to mobile-satellite services and associated provisions, resolutions and recommendations:
 - MSS allocations below 1 GHz;
 - MSS allocations between 1 and 3 GHz;
- b) review the date of entry into force of allocations in the bands 1 980 - 2 010 MHz and 2 170 - 2 200 MHz in Regions 1 and 3 and the bands 1 970 - 2 010 MHz and 2 160 - 2 200 MHz in Region 2;
- c) consider allocations and regulatory aspects for feeder links for the mobile-satellite services taking account of the interference that may be caused to satellite systems in the geostationary-satellite orbit.

To the extent that WRC-95 decides to take action on agenda item 3 d):

consider requirements for the MSS and associated feeder links and, if necessary, adopt in 1995 limited allocations:

- MSS spectrum requirements for the service link;
- Feeder link requirements.

2.1.1 Technical and operational considerations

Provide a brief description of the technical and operational conditions underlying the relevant existing allocations for the band(s) to be considered. Make reference to any relevant ITU-R Recommendations.

Topics to be addressed might include:

- service objectives;
- system characteristics;

- frequency aspects;
- sharing/protection criteria.

2.1.2 Regulatory/procedural considerations

A listing of the relevant provisions of the RR, ITU-R Recommendations, Rules of Procedure of the RRB, and Resolutions and Recommendations of Conferences applicable to the bands to be considered. The list shall also indicate any other provisions of the RR that the Conference may need to review as a consequence of its decisions.

2.1.3 Analysis and summary of options

This section should contain a summary of the results on the above matters as well as regulatory/procedural related matters contained in Chapter 4.

- Sharing anomalies (if any) among existing allocation users.
- Options for resolution of such anomalies.
- Analyse feasibility of reducing technical constraints to mobile-satellite services while continuing to provide adequate levels of protection for existing systems.
- Technical/operational discussion.
- Regulatory/procedural discussion.
- Options considered, state advantages/disadvantages for each option.
- Reconcile differences in approach to the extent possible.

2.2 WRC-95 agenda item 2.2

To consider power limits for earth stations in the Earth exploration-satellite, space research and space operation services in the band 2 025 - 2 110 MHz.

2.2.1 Technical and operational considerations

Provide a brief description of the technical and operational conditions underlying the existing allocations in the band 2 025 - 2 110 MHz. Make reference to any relevant ITU-R Recommendations.

Topics to be addressed might include:

- service objectives;
- system characteristics;
- frequency aspects;
- sharing/protection criteria.

2.2.2 Regulatory/procedural considerations

A listing of the relevant provisions of the RR, ITU-R Recommendations, Rules of Procedure of the RRB, and Resolutions and Recommendations of Conferences applicable to the band 2 025 - 2 110 MHz to be considered. The list shall also indicate any other provisions of the RR that the Conference may need to review as a consequence of its decisions.

2.2.3 Analysis and summary of options

This section should contain a summary of the results on the above matters as well as regulatory/procedural related matters contained in Chapter 4.

- Sharing anomalies (if any) among existing allocation users.
- Options for resolution of such anomalies.
- Analyse feasibility/implications of applying power limits to earth station emissions in this frequency band.

- Technical/operational discussion.
- Regulatory/procedural discussion.
- Options considered, state advantages/disadvantages for each option.
- Reconcile differences in approach to the extent possible.

2.3 WRC-95 agenda item 2.3

To review Resolution No. 112 in the light of the results of studies carried out in application of that Resolution and take appropriate action.

2.3.1 Technical and operational considerations

Provide a brief description of the status of technical studies being conducted in response to Resolution No. 112. Introduce any ITU-R Recommendations resulting from these studies. Identify other technical implications resulting from these studies, and further studies if required. Describe operational conditions underlying the existing allocations for the bands around 14 GHz.

Topics to be addressed might include:

- service objectives;
- system characteristics;
- frequency aspects;
- sharing/protection criteria.

2.3.2 Regulatory/procedural considerations

A listing of the relevant provisions of the RR, ITU-R Recommendations, Rules of Procedure of the RRB, and Resolutions and Recommendations of Conferences applicable to the bands around 14 GHz to be considered. The list shall also indicate any other provisions of the RR that the Conference may need to review as a consequence of its decisions.

2.3.3 Analysis and summary of options

This section should contain a summary of the results on the above matters as well as regulatory/procedural related matters contained in Chapter 4.

- Sharing anomalies (if any) among existing allocation users.
 - Options for resolution of such anomalies.
 - Analyse feasibility/implications of applying power limits to earth station emissions in this frequency band.
 - Technical/operational discussion.
 - Regulatory/procedural discussion.
 - Options considered, state advantages/disadvantages for each option.
- Reconcile differences in approach to the extent possible.

CHAPTER 3

3.1 WRC-95 agenda item 3

To consider the following items, taking into account the work carried out by the study groups and the Conference Preparatory Meeting of the Radiocommunication Sector, with a view to WRC-97 taking action, as appropriate:

- a) Appendices 30 and 30A for Regions 1 and 3 in response to Resolution No. 524 (WARC-92), and taking particular account of resolves 2 of that Resolution and with due regard to the advantage of taking into account, where practicable, the orbital arcs of Appendix 30B;
- b) Resolution No. 712 (WARC-92);
- c) the availability of the newly-allocated HFBC bands;
- d) requirements for the MSS and associated feeder links and, if necessary, adopt in 1995 limited allocations. (Not covered under § 2.1.)

3.2 Technical and operational considerations

In respect of items 3.1 a), b), c) and d), provide a brief description of the status of technical studies being conducted in preparation for consideration of these urgent issues by WRC-97. Identify any ITU-R texts resulting from these studies. Discuss any urgent or special difficulties encountered in conducting such studies, and describe any problems which may prevent the completion of studies in time for consideration by WRC-97.

3.3 Regulatory/procedural considerations

In respect of items 3.1 a), b), c) and d), provide a listing of the relevant provisions of the RR, ITU-R Recommendations, Rules of Procedure of the RRB, and Resolutions and Recommendations of Conferences applicable to the bands to be considered.

3.4 Analysis and summary of studies

Identify relevant issues which require further study prior to consideration by WRC-97. Propose a work plan to accomplish this further study, for submission to the first meeting of CPM preparing for WRC-97s. Identify urgent or special difficulties that may be anticipated, and consider the need for treatment of these difficulties in Study Groups. Report status of studies to WRC-95 and RA-95, with Recommendations for action in respect of any studies which are anticipated to be difficult, or are anticipated to remain incomplete by the date of WRC-97.

CHAPTER 4

This chapter should contain the results of the work of the Working Party of the CPM dealing with regulatory/procedural matters.

CHAPTER 5

5.1 Agenda item 5

In accordance with Resolution No. 94 (WARC-92), to review those Resolutions and Recommendations of World Administrative Radio Conferences which are relevant to agenda items 1 to 3 above with a view to their possible revision, replacement or abrogation:

5.2 Technical and operational considerations

Technical and operational considerations which must be taken into account prior to any revision, replacement or abrogation of the Resolutions and Recommendations pertaining to agenda items 1 to 3.

5.3 Regulatory/procedural considerations

Identify any regulations or procedures which must be taken into account prior to any revision, replacement or abrogation of the Resolutions and Recommendations pertaining to agenda items 1 to 3.

5.4 Analysis and summary of options

Analyse the options identified for consideration by the Conference in Chapters 2 and 3, in the light of §§ 5.1 and 5.2. Identify anomalies (if any) between service/system needs, existing regulations/procedures, and possible disposition of each Resolution or Recommendation to be considered. Suggest possible solutions to such anomalies.

ANNEX

The contents of this Annex should be one copy of each ITU-R Recommendation which is referred to in the text of the preceding Chapters.

Bearing in mind the need to minimize the length of the CPM report, it is not planned to reproduce in this Annex the supporting annexes to ITU-R Recommendations.

APPENDIX

Status of studies in preparation for the World Radiocommunication Conference, 1997 (other than those studies addressed in Chapter 3)

From WRC-97 Preliminary Agenda, Resolution No. 2 (WRC-93).

Agenda item 1

The urgent issues referred to in this agenda item are most likely those which were also identified in resolves 3 of Resolution No. 1 (WRC-93), Agenda for the 1995 World Radiocommunication Conference. Status of preparations for these issues can be found in Chapter 3.

Agenda item 2

This section should include:

- 1) the status of ITU-R studies called for in the Resolutions listed in 2.1 (except Resolution No. 712 (WARC-92) which is discussed in Chapter 3), and the Recommendations listed in 2.2;
- 2) the status of work progress towards any new ITU-R Recommendation(s), with expected date(s), and identification of anticipated urgent or special difficulties, and
- 3) a full description of the difficulties encountered in the case of any studies which may not be completed in time for consideration by WRC-97, with suggestions as to what actions might be taken to improve the work process.

Agenda item 3

This section should include:

- 1) the list of relevant ITU-R Recommendations, with completion dates and comments, if appropriate, on the continued validity of the content (particularly for older Recommendations);
- 2) the status of work progress towards any new ITU-R Recommendation(s), with expected completion date(s), and identification of anticipated urgent or special difficulties, and
- 3) a full description of the difficulties encountered in the case of any studies which are not foreseen in time for consideration by WRC-97, with suggestions as to what actions might be taken to improve the work process.

Note - It is premature to consider action on agenda item 7, relating to Resolution No. 94 (WARC-92). This will be taken care of in the preparations for WRC-97.



INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION SECTOR
**CONFERENCE PREPARATORY MEETING
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LIST OF RADIOCOMMUNICATION STUDY GROUPS (WORKING PARTY/TASK GROUP)
INVOLVED IN PREPARATION FOR THE 1995 WORLD RADIOCOMMUNICATION
CONFERENCE (RELATED TO WRC-95 AGENDA ITEMS)

Agenda item	Study Group	WP/TG	Comments
1	Relevant SGs		Upon request by VGE
2.1 a)	<u>SG 8</u> SG 3 SG 9	<u>TG 8/3</u> WP 9D	All aspects below 1 GHz
	<u>SG 8</u> SG 3 SG 9	<u>TG 8/3</u> WP 9D	Intra-service aspects for 1-3 GHz (including inter-service aspects for services within terms of reference of Study Group 8)
	<u>SG 2</u> SG 3 SG 7 SG 8 SG 9	<u>TG 2/2</u> WP 9D	Inter-service aspects for 1-3 GHz (excluding inter-service aspects for services within terms of reference of Study Group 8)
2.1 b)	<u>SG 2</u> SG 8 SG 9	<u>TG 2/2</u> <u>TG 8/1, 8/3</u> WP 9D	
2.1 c)	<u>SG 4</u> SG 8 SG 9	<u>TG 4/5</u> <u>TG 8/3</u> WP 4-9S	
2.2	<u>SG 7</u> SG 8 SG 9	<u>WP 7B</u> WP 8A WP 9D	

Agenda item	Study Group	WP/TG	Comments
2.3	<u>SG 4</u> SG 7 SG 8	TG 4/ 4 TG 7/3 WP 8C	Resolves 1 of Res. 112 (WARC-92)
	<u>SG 7</u> SG 4	TG 7/3 TG 4/4	Resolves 2 of Res. 112 (WARC-92)
3 a)	<u>SG 11, 10</u> SG 3 SG 4 SG 9	<u>WP 10-11S</u> WP 4A WP 9D	
3 b)	<u>SG 7</u> SG 8 SG 9	<u>WP 7C</u> WP 9D	Res. 712 (first 3 indents of Resolves)
	<u>SG 2</u> SG 4 SG 3 SG 7		Res. 712 (4th indent of Resolves)
3 c)	<u>SG 10</u>	<u>TG 10/5</u>	Question 212/10
3 d)	<u>SG 4</u> SG 8 SG 9	<u>TG 4/5</u> TG 8/3 WP 4-9S	Feeder links
	<u>SG 8</u> SG 4 SG 9 SG 2 SG 7	<u>TG 8/3</u> WP 9D TG 2/2	MSS allocations
4 and 5		Action may be taken as necessary by relevant Study Group(s)	

Note - The leading Study Group is underlined. This Study Group has to prepare a contribution to the CPM report. The other Study Groups will support the leading Study Group in the preparation of such a contribution. However, contributions may also be forwarded directly to the CPM.

ANNEX 3



INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION SECTOR
**CONFERENCE PREPARATORY MEETING
FOR WRC-95 & WRC-97**

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CPM-94

LIST OF RADIOCOMMUNICATION STUDY GROUPS (WORKING PARTY/TASK GROUP)
INTERESTED IN PREPARATION FOR THE 1997 WORLD RADIOCOMMUNICATION
CONFERENCE
(RELATED TO WRC-97 PRELIMINARY AGENDA ITEMS)

Agenda Item	WARCs Resolutions and Recommendations	Study Group	WP/TG
1		To be determined by CPM-96	
2.1	RES 60 (WARC-79) RES 211 (WARC-92) RES 710 (WARC-92) RES 712 (WARC-92)	<u>SG 2, 3</u> <u>SG 7, 8, 2</u> <u>SG 7</u> <u>SG 7, 2, 9, 4, 8, 3</u>	<u>WP 7C</u> <u>WP 7C, WP 9D</u>
2.2	REC 66 (WARC-92) REC 621 (WARC-92) REC 711 (WARC-79) REC 715 (ORB-88)	<u>SG 1, 4, 7, 8, 9, 10, 11</u> <u>SG 8, 7, 9, 11</u> <u>SG 2, 3</u> <u>SG 4, 8, 10, 11</u>	<u>TG 1/3, WP 9B, WP 7B</u> <u>TG 8/2, WP 9D, WP 11C</u> <u>WP 4A</u>
3.1		<u>SG 8, 4</u>	
3.2.1		<u>SG 7, 3, 4, 8, 9</u>	<u>WP 7C, WP 9D</u>
3.2.2		<u>SG 8</u>	
3.3		<u>SG 10, 3</u>	<u>TG 10/5</u>
3.4	RES 408 (MOB-87)	<u>SG 8</u>	

Agenda Item	WARCs Resolutions and Recommendations	Study Group	WP/TG
3.5	RES 331 (MOB-87) RES 200 (MOB-87) RES 210 (MOB-87) RES 330 (MOB-87)	<u>SG 8</u> <u>SG 8</u> <u>SG 8</u> <u>SG 8</u>	
3.6.1	RR Appendix 18	<u>SG 8</u>	
3.6.2	RR Article 61	<u>SG 8</u>	
3.7	RES 524 (WARC-92)	<u>SG 11, 10, 3</u>	WP 10-11S

Note 1 - The leading Study Group is underlined. This Study Group has to prepare a contribution to the CPM report. The other Study Groups will support the leading Study Group in the preparation of such a contribution. However, contributions may also be forwarded directly to the CPM.

Note 2 - It is understood that the Working Party of the CPM may address any of the Agenda items, as appropriate.

ANNEX 4



INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION SECTOR

**CONFERENCE PREPARATORY MEETING
FOR WRC-95 & WRC-97**

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CPM-94

**STUDY OF REGULATORY/PROCEDURAL MATTERS IN
PREPARATION FOR WRC-95 AND WRC-97**

Background

The Additional Plenipotentiary Conference (APP, Geneva, 1992) revised the Study Groups terms of reference to specifically include procedural matters and preparatory studies for radiocommunication conferences (CV 156). The first Radiocommunication Assembly subsequent to the APP (Geneva, 1993) adopted Resolution ITU-R 2, establishing the basic framework and working methods for the Conference Preparatory Meeting. That Resolution provides for a Working Party of the CPM to carry out the studies related to regulatory/procedural matters, such as work related to the development of regulatory procedures for the notification and coordination of frequency assignments. Study of regulatory/operational and regulatory/technical matters, which could include, respectively, such matters as the procedures affecting the operational discipline of the maritime-mobile service, as well as sharing and coordination criteria, calculation methods, trigger values of pfds, etc. would be done by the Study Groups. The development of the procedural framework of such regulatory/technical and regulatory/operational matters could be referred to the Working Party of the CPM, as appropriate.

CPM related activities

The agenda for CPM-94 includes "organization of preparatory studies associated with regulatory/procedural matters" (item 3), as well as development of a "proposed detailed structure of the report of the CPM to WRC-95" (item 5), ... "WRC-97" (item 7). To organize the preparatory studies of regulatory/procedural matters it is important to establish a framework within which the studies should be conducted.

Principles and guidelines - Based on extensive preparatory work, the Radiocommunication Assembly (Geneva, 1993) established the Working Party of the CPM to address regulatory/procedural matters. CPM-94 will start preparations for WRC-95 and 97 and will address a number of important issues. To facilitate the efforts of the Working Party the following principles and guidelines should be used:

- 1) all work will be task oriented;
- 2) the initial source of tasking will be the CPM;
- 3) tasking shall be based on the agendas for both WRC-95 and 97 - 97 tasking should address long lead time items;
- 4) the Study Groups should identify those work products that may require a regulatory and procedural framework based on technical and operational preparatory tasks assigned to them and should communicate this to the Working Party as a matter of urgency;

- 5) where necessary Task Groups or Working Parties should assign a Rapporteur or liaison person to the Working Party of the CPM. This individual would provide information, via correspondence, to the Working Party Chairman regarding the scope and progress of preparatory work;
- 6) in conjunction with the Director and based on inputs from the designated Rapporteur(s) and contributions from administrations, the Chairman of the Working Party will develop a work programme and schedule;
- 7) to facilitate the work, the Chairman of the Working Party would circulate draft documentation to members and develop a detailed agenda and framework for the work.

Tasking of the Working Party - The Working Party of the CPM would have to be "tasked" by the CPM and be responsive to projected requirements elaborated on by the Study Groups, relevant Task Groups, Working Parties or by administrations. Hence, work of a regulatory/procedural nature would occur when sufficient progress has been made on the technical and operational work in the relevant Task Groups or Working Parties. Although some work will be carried out normally by correspondence, it is anticipated that a majority of the regulatory/procedural work will occur during the meeting of CPM-95.

Based on discussions at CPM-94 the following potential issues have been identified:

- 1) regulatory/procedural aspects of the use of the frequency allocations to the Earth exploration-satellite, space operation and space research services in the band 2 025 - 2 110 MHz (agenda item 2.2);
- 2) regulatory/procedural aspects of MSS feeder links (agenda item 2.1(c));
- 3) regulatory/procedural matters in support of TG 2/2 activities;
- 4) development of a status report for submission to CPM-95.

ANNEX 5

Schedule for preparation of the contributions for the CPM report to the WRC-95

From	To	Place	Group	Subject
15.02.94	17.02.94	Geneva	CPM-94	Conference preparatory meeting
Detailed structure of the CPM report to the WRC-95 (Document CPM94/22 (Rev.1))				
14.03.94	15.03.94	Geneva	TG 4/5	Feeder links for the mobile satellite service
28.03.94	30.03.94	Geneva	TG 8/3	Study Group 8 preparation for WRC-95
06.04.94	15.04.94	New Zealand	TG 8/1	Future public land mobile telecommunication systems
02.06.94	10.06.94	Washington	TG 4/5	Feeder links for the mobile satellite service
05.07.94	15.07.94	Geneva	TG 8/3	Study Group 8 preparation for WRC-95
05.09.94	16.09.94	Geneva	TG 2/2	Frequency sharing criteria within the range 1-3 GHz
18.10.94	27.10.94	Geneva	TG 8/1	Future public land mobile telecommunication systems
31.10.94	08.11.94	Geneva	TG 7/4	Study Group 7 preparation for CPM-95
02.11.94	11.11.94	Geneva	WP 9D	Sharing with other services except for the FSS
03.11.94	11.11.94	Geneva	WP 4-9S	Sharing between FSS and FS
17.11.94	25.11.94	Geneva	TG 8/3	Study Group 8 preparation for WRC-95
21.11.94	02.12.94	Geneva	WP10-11S	Study Groups 10 and 11 preparation for WRC-95 and WRC-97
24.11.94	30.11.94	Geneva	TG 4/5	Feeder links for the mobile satellite service
28.11.94	08.12.94	Geneva	WP 8A	Land mobile service, excluding FPLMTS, amateur and amateur-satellite service
28.11.94	08.12.94	Geneva	WP 8C	Radiodetermination service
30.11.94	07.12.94	Geneva	WP 10B	Study Group 10 preparation for WRC-95 and WRC-97
01.12.94	09.12.94	Geneva	TG 2/2	Frequency sharing criteria within the range 1-3 GHz
	09.01.95	Deadline for contributions from Study Groups involved		
	10.02.95	Draft CPM report to the WRC-95		
21.03.95	04.04.95	Geneva	CPM-95	Conference preparatory meeting
	21.04.95	CPM report to the WRC-95		

ANNEX 6

**Preliminary Draft
Agenda for ITU-R Conference Preparatory Meeting (CPM)**

Preparation of the CPM report to the World Radiocommunication Conference, 1995

Geneva, 22 March - 5 April 1995

1. Opening remarks
2. Approval of the agenda
3. Structure of the second Conference Preparatory Meeting
Establishment of Working Parties or Drafting Groups
4. Attribution of documents
5. Nomination of Working Party/Drafting Group Chairmen
6. Consideration of a draft CPM report to the World Radiocommunication Conference, 1995
in accordance with the structure of this report approved by the first CPM
7. Any other business

S. Pinheiro
Chairman

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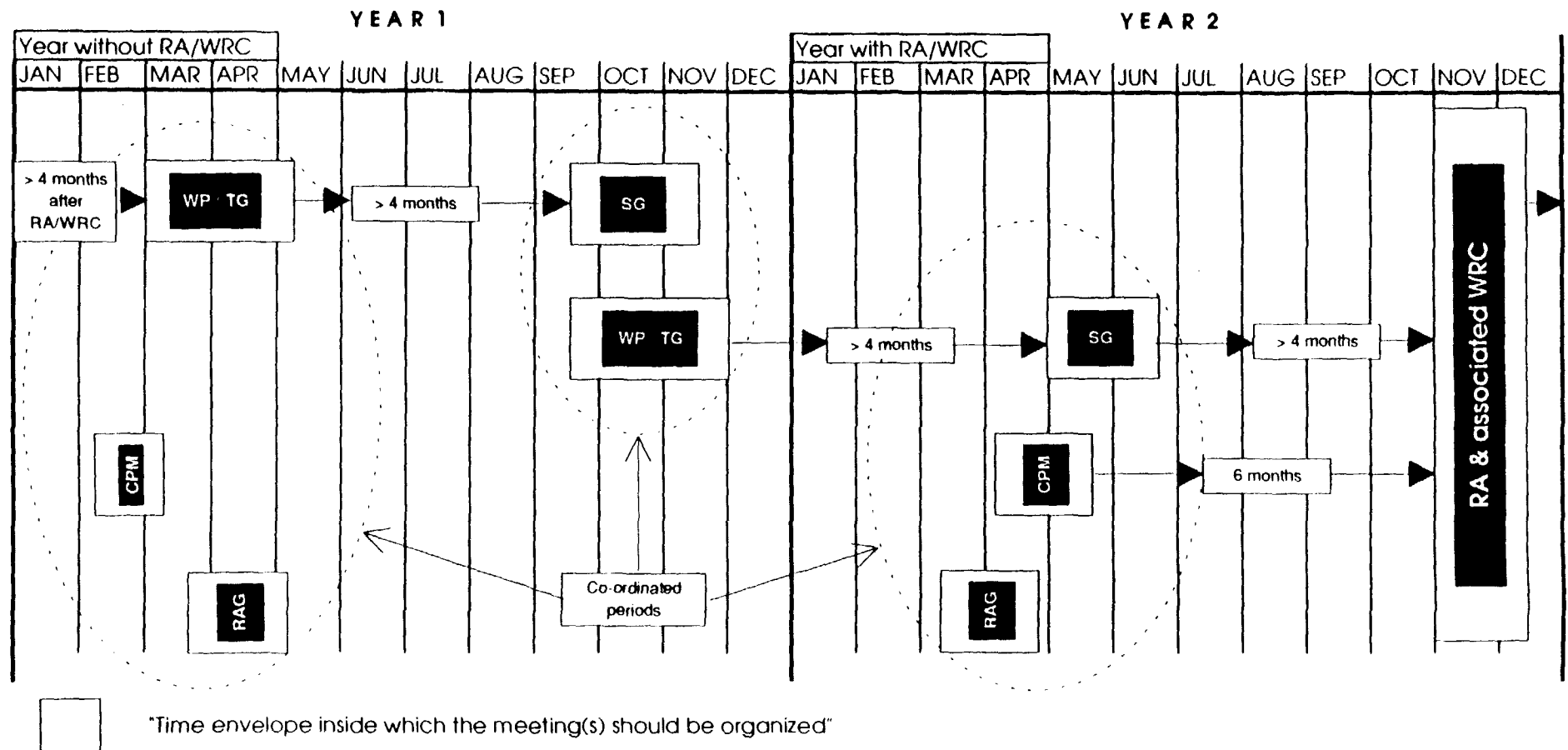
MAY - 5 1994

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

INFORMATION TO RADIOCOMMUNICATION ADVISORY GROUP PARTICIPANTS

**(Revision to Biennial schedule pattern after 1995
and to the Radiocommunication Study Group Meetings
schedule 1994-1995)**

Biennial schedule pattern after 1995



RADIOCOMMUNICATION STUDY GROUP MEETINGS SCHEDULE, 1994-1995 - Page 1

Group No	Place	Start	End	Title
TG 2/1	Geneva	24.1.94	28.1.94	Compatibility between broadcast & aeronautical services (87-108 MHz, 108-137 MHz)
TG 2/2	Geneva	31.1.94	9.2.94	Frequency sharing criteria within the range 1-3 GHz
CPM-94	Geneva	15.2.94	17.2.94	Conference Preparatory Meeting for WRC-95
SG 10	Geneva	28.2.94	3.3.94	Broadcasting services (Sound)
SG 11	Geneva	28.2.94	4.3.94	Broadcasting services (Television)
T-SG 9(*)	Geneva	28.2.94	4.3.94	Television and sound transmission (Former CMTT)
JOINT 10/11/T-SG9(*)	Geneva	3.3.94	3.3.94	Joint meeting
SG 5	Geneva	7.3.94	9.3.94	Radiowave propagation in non-ionized media
SG 1	Geneva	9.3.94	11.3.94	Spectrum management techniques
SG 6	Geneva	10.3.94	11.3.94	Radio-wave propagation in ionized media
TG 4/5	Geneva	14.3.94	15.3.94	Feeder links for the mobile satellite service
SG 4	Geneva	15.3.94	18.3.94	Fixed-satellite service
SG 9	Geneva	15.3.94	18.3.94	Fixed service
JOINT 4/9	Geneva	16.3.94	16.3.94	Joint Meeting
SG 7	Geneva	16.3.94	17.3.94	Science services
SG 8	Geneva	21.3.94	25.3.94	Mobile, radiodetermination, amateur and related satellite services
TG 8/3	Geneva	28.3.94	30.3.94	Study Group 8 preparation for Conference Preparatory Meeting 1995 (CPM-95)
TG 8/1	New Zealand	6.4.94	15.4.94	Future public land mobile telecommunication systems (FPLMTS)
Ex-CMTT/5	Geneva	12.4.94	15.4.94	Satellite news gathering (SNG), outside broadcast via satellite
RAG 1994	Geneva	12.4.94	16.4.94	Radiocommunication Advisory Group
WP 4B	Washington	31.5.94	7.6.94	Systems, performance, availability and maintenance
TG 4/5	Washington	2.6.94	10.6.94	Feeder links for the mobile satellite service
TG 11 F	Geneva	16.6.94	17.6.94	Harmonization of TV standards between broadcast and non-broadcast applications
TG 4/3	Washington	8.6.94	10.6.94	Interconnection of VSAT systems with public-switched networks
TG 8/3	Geneva	5.7.94	15.7.94	Study Group 8 preparation for Conference Preparatory Meeting 1995 (CPM-95)
TG 1/4	Geneva	16.8.94	18.8.94	Study Group 1 preparation to Conference Preparatory Meeting (CPM-95)
TG 2/2	Geneva	5.9.94	16.9.94	Frequency sharing criteria within the range 1-3 GHz
WP 11B	Geneva	12.10.94	20.10.94	Digital television (source coding)
WP 11C	Geneva	12.10.94	20.10.94	Terrestrial television (emission and planning parameters)
WP 11E	Geneva	12.10.94	20.10.94	Quality evaluation (television)
TG 11/1	Geneva	12.10.94	20.10.94	High-definition television for studio and international programme exchange
WP 11A	Geneva	13.10.94	21.10.94	Conventional enhanced and high-definition television systems
WP 11D	Geneva	13.10.94	21.10.94	Data broadcasting
TG 11/2 *	Geneva	13.10.94	21.10.94	Digital television studio video interface
TG 8/1	Geneva	18.10.94	27.10.94	Future public land mobile telecommunication systems (FPLMTS)
ITU-T WP 1/9(*)	Geneva	19.10.94	25.10.94	(Title to be defined during the first meeting of the concerned Study Group) [Television transmission]
TG 11/3	Geneva	19.10.94	27.10.94	Digital terrestrial television broadcasting
ITU-T WP 2/9(*)	Geneva	20.10.94	25.10.94	(Title to be defined during the first meeting of the concerned Study Group) [Sound transmission]
TG 11 F	Geneva	24.10.94	26.10.94	Harmonization of TV standards between broadcast and non-broadcast applications
WP 10C	Geneva	24.10.94	27.10.94	Audio-frequency characteristics and digital sound-broadcasting
WP 10D	Geneva	24.10.94	27.10.94	Transmitting and receiving antennas for sound-broadcasting
WP 10-11R	Geneva	24.10.94	28.10.94	Recording for broadcasting
TG 10/1	Geneva	24.10.94	28.10.94	Sound systems for HDTV and EDTV
TG 10/3	Geneva	24.10.94	28.10.94	Subjective sound assessment
WP 10A	Geneva	25.10.94	28.10.94	Sound broadcasting at frequencies below 30 MHz and sound broadcasting in the Tropical Zone
TG 10/2	Geneva	25.10.94	28.10.94	Low bit-rate digital audio coding systems

(*) All members of ITU-R Study Groups may participate in ITU-T Study Group 9 Meetings, including Working Parties, at no extra cost

RADIOCOMMUNICATION STUDY GROUP MEETINGS SCHEDULE, 1994-1995 - Page 2

Group No	Place	Start	End	Title
WP 7A	Geneva	31.10.94	4.11.94	Standard frequency and time signal
TG 7/2	Geneva	31.10.94	4.11.94	Standard frequency and time signals from satellites
WP 9C	Geneva	31.10.94	4.11.94	HF systems
WP 7B	Geneva	31.10.94	10.11.94	Space radio systems (space research, data relay satellites, space operations, etc.)
WP 7C	Geneva	31.10.94	8.11.94	Earth exploration satellites systems and meteorological systems
WP 7D	Geneva	31.10.94	8.11.94	Radioastronomy
TG 1/3	Geneva	31.10.94	2.11.94	Spurious emissions
WP 9A	Geneva	1.11.94	10.11.94	Performance and availability objectives, interference objectives, effects of propagation, terminology
WP 9B	Geneva	1.11.94	10.11.94	Radio-frequency channel arrangements, radio system characteristics, interconnection, maintenance and special applications
WP 9D	Geneva	2.11.94	11.11.94	Sharing with other services (except for the fixed-satellite service)
WP 4-9S	Geneva	3.11.94	11.11.94	Sharing between FSS and FS
WP 1A	Geneva	3.11.94	9.11.94	Engineering principles and techniques, including computer-aided analysis for effective spectrum management
WP 1B	Geneva	3.11.94	9.11.94	Principles and techniques for spectrum planning and sharing
WP 1C	Geneva	3.11.94	9.11.94	Techniques for spectrum monitoring
WP 7-8R	Geneva	9.11.94	11.11.94	Compatibility between active spaceborne sensors and systems in the radionavigation and radiolocation services
WP 4A	Geneva	14.11.94	23.11.94	Efficient orbit/spectrum utilization
WP 10-11S	Geneva	21.11.94	2.12.94	Satellite broadcasting
TG 8/3	Geneva	17.11.94	25.11.94	Study Group 8 preparation for Conference Preparatory Meeting 1995 (CPM-95)
TG 4/5	Geneva	24.11.94	30.11.94	Feeder links for the mobile satellite service
WP 8A	Geneva	29.11.94	8.12.94	Land mobile service, excluding FPLMTS; amateur and amateur-satellite service
WP 8B	Geneva	29.11.94	8.12.94	Maritime mobile service including GMDSS; aeronautical mobile service, excluding public telephone service with aircraft
WP 8C	Geneva	29.11.94	8.12.94	Radiodetermination service
WP 8D	Geneva	29.11.94	9.12.94	All mobile satellite services except the amateur-satellite service; radiodetermination satellite service; public telephone service with aircraft
WP 10B	Geneva	30.11.94	7.12.94	Sound broadcasting at frequencies above 30 MHz (except in the Tropical Zone)
TG 2/2	Geneva	1.12.94	9.12.94	Frequency sharing criteria within the range 1-3 GHz
WP's 3	Geneva	9.1.95	20.1.95	(Period during which the Study Group 3 Working Parties will be organized. WP's 3 will be defined after final SG 5 and 6 meetings, March 1994)
TG 2/1	Geneva	19.1.95	27.1.95	Compatibility between broadcast & aeronautical services (87-108 MHz, 108-137 MHz)
SG 2	Geneva	30.1.95	31.1.95	Inter-service sharing and compatibility
RAO 1995	Geneva	23.1.95	27.1.95	Radiocommunication Advisory Group (START IN AFTERNOON)
TG 8/1	Geneva	7.2.95	17.2.95	Future public land mobile telecommunication systems (FPLMTS)
CPM-95	Geneva	22.3.94	5.4.95	Conference Preparatory Meeting for WRC-95
SG 4	Geneva	30.5.95	2.6.95	Fixed-satellite service
SG 9	Geneva	30.5.95	2.6.95	Fixed service
JOINT 4/2	Geneva	31.5.95	31.5.95	Joint meeting
SG 2	Geneva	31.5.95	1.6.95	Inter-service sharing and compatibility
SG 1	Geneva	June 95		Spectrum management
SG 7 (June 95)	Geneva	June 95		Science services
SG 10 (June 95)	Geneva	June 95		Broadcasting services (Sound)
SG 11 (June 95)	Geneva	June 95		Broadcasting services (Television)
T SG 9 (June 95)(*)	Geneva	June 95		Television and sound transmissions (Former CMTT)
SG 3	Geneva	5.6.95	8.6.95	Radio wave propagation
SG 8	Geneva	19.6.95	23.6.95	Mobile, radiodetermination, amateur and related satellite services
WP 10-11S	Geneva	12.9.95	22.9.95	Satellite broadcasting
WRC/RA 1995 SCHEDULED IN OCTOBER/NOVEMBER 1995				

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